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# Hogs and Pigs



Agricultural  
Statistics  
Board

National Agricultural  
Statistics Service

sta/sk

United States  
Department of  
Agriculture

Washington, D.C. 20250

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## INVENTORY DOWN 5 PERCENT

Inventory of all hogs and pigs on September 1, 1986, in the 10 States conducting quarterly hog surveys is estimated at 39.6 million head, 5 percent below last year, according to the Agricultural Statistics Board. This is 8 percent below September 1, 1984 and the lowest September 1 inventory since 1975.

- Breeding inventory, at 4.84 million head, is 10 percent less than a year ago, and 13 percent below two years earlier. This is the lowest September 1 breeding inventory since 1973, when estimates for these comparable 10 States became available.
- Market hog inventory, at 34.7 million head, is 5 percent below last year, 8 percent percent less than 1984 and the lowest September 1 market hog inventory since 1975.

## PIG CROP

The June - August 1986 pig crop was 15.9 million head, 6 percent below last year and 8 percent below two years ago. There were 2.03 million sows that farrowed during June - August, down 7 percent from a year earlier and 10 percent less than the same period two years ago.

Sows farrowing during June - August 1986 averaged 7.79 pigs per litter compared with 7.73 last year and 7.60 during the comparable period two years ago. The 7.79 pigs is a record high and continues the trend of a gradual increase in pigs saved per litter.

## FARROWING INTENTIONS

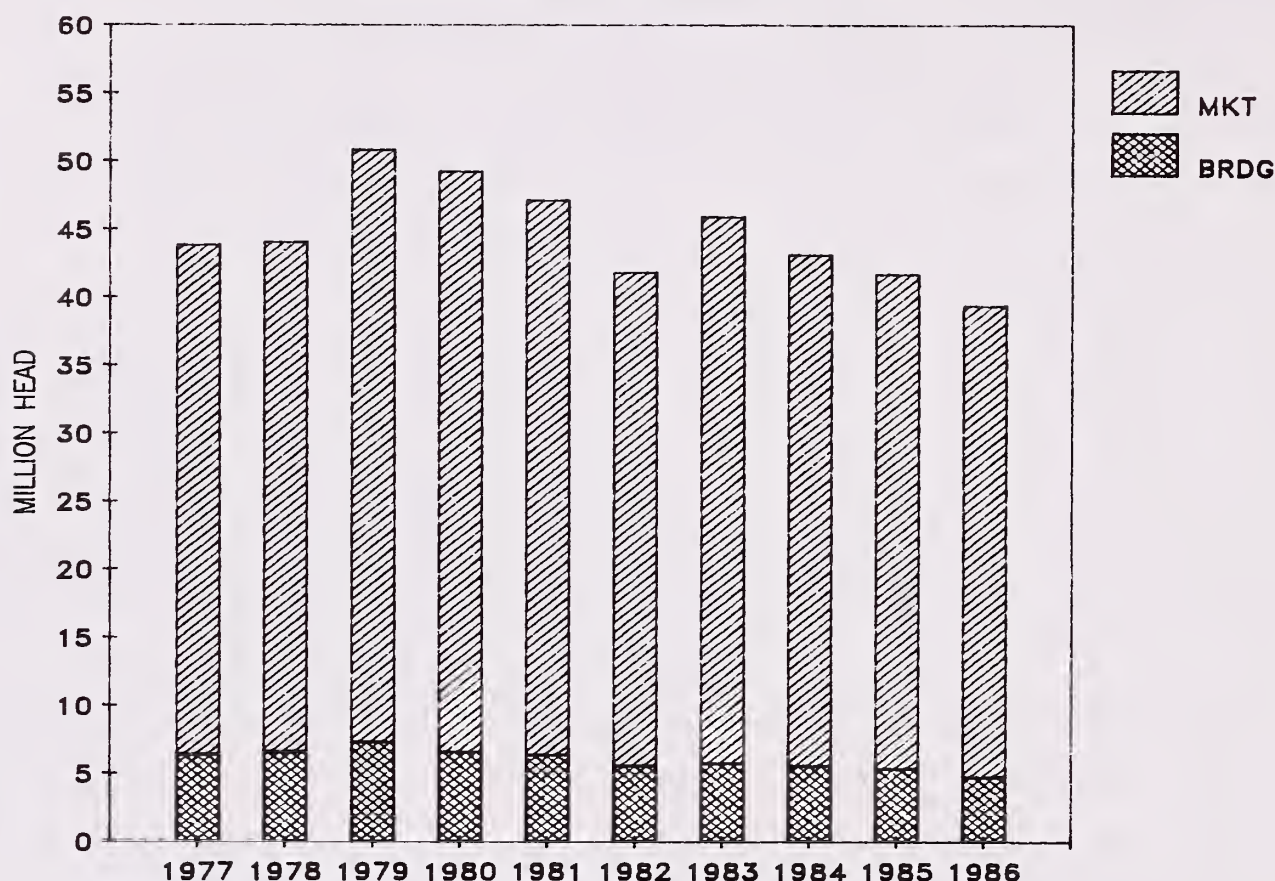
Hog producers in the 10 Quarterly States intend to farrow 2.06 million sows during September - November of this year. This is 9 percent fewer than during the comparable period in 1985, and 11 percent below 1984.

Farrowing intentions for December 1986 - February 1987 quarter are 1.83 million head, 6 percent below a year earlier and 7 percent below two years earlier.

\*\*\*\*\*  
\* Requests for a subscription order form covering all available reports \*  
\* should be directed to Agricultural Statistics Board Publications, Room \*  
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\*\*\*\*\*

# SEPTEMBER 1 HOGS AND PIGS INVENTORY

## 10 MAJOR PRODUCING STATES



**RELIABILITY AND ESTIMATING PROCEDURES:** Primary data used in setting these hog estimates were obtained from a sample of farmers across the 10 States using probability surveys. Information was collected by mail, telephone and personal interviews. Since all operations raising hogs were not included in the sample, survey estimates are subject to sampling variability. This variability, as measured by the relative standard error, is about 2 percent at the 10-State level for hog inventory. This means that chances are approximately 95 out of 100 that survey estimates will be within four percent of the complete coverage value if the same procedures were used to survey all producers. Survey estimates are also subject to non-sampling errors such as omissions, duplications, and mistakes in reporting, recording and processing the data. These errors cannot be measured directly, but they are minimized through rigid quality controls in the data collection process and a careful review of all reported data for consistency and reasonableness.

The sampling variability of survey estimates on intended farrowings is slightly larger than that for inventories. More important, actual farrowings may differ significantly from reported intentions due to unexpected economic and environmental conditions. For September - November second intentions these differences have exceeded six percent in three of the last ten years. For December - February first intentions as of September 1, these differences have exceeded eight percent in four of the last ten years.

In setting the inventory estimates, the Agricultural Statistics Board constructed a balance sheet using estimates on births, deaths and check data on slaughter. This balance sheet provided an additional check on survey inventory estimates.

A P P R O V E D:

*Kenneth A. Giller*

ACTING SECRETARY OF AGRICULTURE

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HOGS AND PIGS: INVENTORY NUMBER, SOWS FARROWING AND PIG CROP  
1984-87, 10 STATES 1/

ITEM	: 1984	: 1985	: 1986	: 1987	: 1986 AS % OF 1984	: 1987 AS % OF 1986
	1000 HEAD			PERCENT		
SEPTEMBER 1 INVENTORY						
ALL HOGS AND PIGS	43180	41820	39585	92	95	
KEPT FOR BREEDING	5550	5377	4840	87	90	
MARKET	37630	36443	34745	92	95	
MARKET HOGS AND PIGS						
BY WEIGHT GROUPS:						
UNDER 60 POUNDS	14957	14630	13480	90	92	
60-119 POUNDS	9209	8820	8645	94	98	
120-179 POUNDS	7835	7406	7150	91	97	
180 POUNDS AND OVER	5629	5587	5470	97	98	
SOWS FARROWING:						
DECEMBER 2/-FEBRUARY	1964	1955	1940 3/	99	99	94
MARCH-MAY	2481	2420	2161	87	89	
DECEMBER 2/-MAY	4445	4375	4101	92	94	
JUNE-AUGUST	2259	2191	2034	90	93	
SEPTEMBER-NOVEMBER	2316	2265 3/	2060	89	91	
JUNE-NOVEMBER	4575	4456 4/	4094	89	92	
PIG CROP:						
DECEMBER 2/-FEBRUARY	14288	14690	14880	104	101	
MARCH-MAY	18814	18762	16878	90	90	
DECEMBER 2/-MAY	33102	33452	31758	96	95	
JUNE-AUGUST	17158	16941	15853	92	94	
SEPTEMBER-NOVEMBER	17420	17255				
JUNE-NOVEMBER	34578	34196				
PIGS PER LITTER:						
		NUMBER				
DECEMBER 2/-FEBRUARY	7.27	7.51	7.67	106	102	
MARCH-MAY	7.58	7.75	7.81	103	101	
DECEMBER 2/-MAY	7.45	7.65	7.74	104	101	
JUNE-AUGUST	7.60	7.73	7.79	103	101	
SEPTEMBER-NOVEMBER	7.52	7.62				
JUNE-NOVEMBER	7.56	7.67				

1/ GEORGIA, ILLINOIS, INDIANA, IOWA, KANSAS, MINNESOTA, MISSOURI NEBRASKA, NORTH CAROLINA, OHIO.

2/ DECEMBER PRECEDING YEAR.

3/ INTENTIONS.

4/ ACTUAL FARROWINGS FOR JUNE-AUGUST PLUS INTENTIONS FOR SEPTEMBER-NOVEMBER.

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
SEPTEMBER 1, 1985-86 , 10 STATES

STATE	BREEDING			MARKET			TOTAL		
	1986			1986			1986		
	1985	:AS % OF:		1985	:AS % OF:		1985	:AS % OF:	
		NUMBER:	1985		NUMBER:	1985		NUMBER:	1985
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	165	145	88	1035	880	85	1200	1025	85
ILL	695	620	89	5005	4680	94	5700	5300	93
IND	545	530	97	3705	3720	100	4250	4250	100
IOWA	1750	1550	89	12150	11350	93	13900	12900	93
KANS	182	170	93	1318	1240	94	1500	1410	94
MINN	570	490	86	3580	3610	101	4150	4100	99
MO	475	370	78	2625	2380	91	3100	2750	89
NEBR	435	450	103	3215	3400	106	3650	3850	105
N C	290	290	100	2110	2010	95	2400	2300	96
OHIO	270	225	83	1700	1475	87	1970	1700	86
TOTAL									
10 STS.	5377	4840	90	36443	34745	95	41820	39585	95

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
SEPTEMBER 1, 1985-86 , 10 STATES

STATE	UNDER		60-119		120-179		180 LBS	
	60 LBS.		LBS.		LBS.		AND OVER	
	1985	1986	1985	1986	1985	1986	1985	1986
	1000 HEAD							
GA	450	375	280	235	190	165	115	105
ILL	1890	1710	1177	1170	1038	960	900	840
IND	1480	1460	943	945	762	775	520	540
IOWA	4755	4400	2980	2825	2615	2390	1800	1735
KANS	500	450	335	315	266	260	217	215
MINN	1600	1410	795	890	655	790	530	520
MO	1150	950	640	610	465	440	370	380
NEBR	1250	1340	755	795	670	690	540	575
N C	845	800	515	490	415	390	335	330
OHIO	710	585	400	370	330	290	260	230
TOTAL								
10 STS.	14630	13480	8820	8645	7406	7150	5587	5470

HOGS AND PIGS: INVENTORY NUMBERS, BREEDING, MARKET AND TOTAL,  
JUNE 1, 1985-86 , 10 STATES

STATE	BREEDING			MARKET			TOTAL		
	1986			1986			1986		
	1985	:AS % OF:		1985	:AS % OF:		1985	:AS % OF:	
		NUMBER:	1985		NUMBER:	1985		NUMBER:	1985
	1000 HEAD	PERCENT		1000 HEAD	PERCENT		1000 HEAD	PERCENT	
GA	165	145	88	1035	880	85	1200	1025	85
ILL	750	600	80	5050	4200	83	5800	4800	83
IND	550	550	100	3600	3600	100	4150	4150	100
IOWA	1750	1520	87	12150	10880	90	13900	12400	89
KANS	192	175	91	1308	1225	94	1500	1400	93
MINN	500	500	100	3500	3425	98	4000	3925	98
MO	475	400	84	2575	2500	97	3050	2900	95
NEBR	450	450	100	3300	3150	95	3750	3600	96
N C	305	280	92	2095	1895	90	2400	2175	91
OHIO	260	220	85	1640	1450	88	1900	1670	88
TOTAL									
10 STS.	5397	4840	90	36253	33205	92	41650	38045	91

MARKET HOGS AND PIGS: INVENTORY NUMBER BY WEIGHT GROUPS,  
JUNE 1, 1985-86 , 10 STATES

STATE	UNDER		60-119		120-179		180 LBS	
	60 LBS.		LBS.		LBS.		AND OVER	
	1985	1986	1985	1986	1985	1986	1985	1986
	1000 HEAD							
GA	450	380	285	245	190	160	110	95
ILL	2100	1710	1260	1050	945	810	745	630
IND	1450	1430	950	950	665	685	535	535
IOWA	5020	4530	3090	2725	2190	2025	1850	1600
KANS	558	515	330	280	230	235	190	195
MINN	1365	1340	900	890	670	710	565	485
MO	1295	1180	565	600	375	395	340	325
NEBR	1370	1290	800	800	600	610	530	450
N C	850	780	510	460	400	355	335	300
OHIO	710	630	410	360	280	260	240	200
TOTAL								
10 STS.	15168	13785	9100	8360	6545	6245	5440	4815



FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
MARCH-MAY 1985-86 , 10 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1986			PER LITTER		1986		
	1985	:AS % OF:				1985	:AS % OF	
		: NUMBER	: 1985	: 1985	: 1986		: NUMBER	: 1985
	1000 HEAD	PERCENT	NUMBER			1000 HEAD	PERCENT	
GA	70	56	80	7.40	7.60	518	426	82
ILL	380	300	79	7.50	7.40	2850	2220	78
IND	225	230	102	7.80	7.70	1755	1771	101
IOWA	810	690	85	7.75	7.90	6278	5451	87
KANS	90	80	89	7.50	7.90	675	632	94
MINN	225	220	98	8.05	8.05	1811	1771	98
MO	200	180	90	7.70	7.75	1540	1395	91
NEBR	195	195	100	7.90	7.90	1541	1541	100
N C	125	120	96	7.95	8.00	994	960	97
OHIO	100	90	90	8.00	7.90	800	711	89
TOTAL								
10 STS.::	2420	2161	89	7.75	7.81	18762	16878	90

1/ NUMBER OF PIGS BORN MARCH THROUGH MAY, THAT WERE ON HAND JUNE 1, OR HAD BEEN SOLD.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
JUNE-AUGUST 1985-86 , 10 STATES

STATE	SOWS FARROWING			PIGS		PIG CROP 1/		
	1986			PER LITTER		1986		
	1985	:AS % OF:				1985	:AS % OF	
		: NUMBER	: 1985	: 1985	: 1986		: NUMBER	: 1985
	1000 HEAD	PERCENT	NUMBER			1000 HEAD	PERCENT	
GA	66	52	79	7.30	7.40	482	385	80
ILL	310	285	92	7.50	7.60	2325	2166	93
IND	225	230	102	7.60	7.60	1710	1748	102
IOWA	700	640	91	7.80	7.85	5460	5024	92
KANS	77	72	94	7.65	7.55	589	544	92
MINN	230	210	91	8.00	8.05	1840	1691	92
MO	175	145	83	7.55	7.70	1321	1117	85
NEBR	175	185	106	7.70	7.90	1348	1462	108
N C	125	120	96	8.10	8.20	1013	984	97
OHIO	108	95	88	7.90	7.70	853	732	86
TOTAL								
10 STS.::	2191	2034	93	7.73	7.79	16941	15853	94

1/ NUMBER OF PIGS BORN JUNE THROUGH AUGUST, THAT WERE ON HAND SEPTEMBER 1, OR HAD BEEN SOLD.



FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
SEPTEMBER-NOVEMBER 1984-86 , 10 STATES

STATE	SOWS FARROWING				PIGS		PIG CROP 1/		
	1986 2/				PER LITTER		1985		
	1984	1985	:AS % OF:				1984	:AS % OF	
			: NUMBER		1985	1984	1985	: NUMBER	
	1000 HEAD		PERCENT		NUMBER		1000 HEAD		PERCENT
GA	68	63	60	95	7.10	7.30	483	460	95
ILL	320	325	270	83	7.20	7.40	2304	2405	104
IND	205	205	205	100	7.60	7.80	1558	1599	103
IOWA	760	730	640	88	7.50	7.45	5700	5439	95
KANS	90	82	80	98	7.40	7.60	666	623	94
MINN	235	220	210	95	7.80	7.90	1833	1738	95
MO	220	200	165	83	7.45	7.40	1639	1480	90
NEBR	200	215	215	100	7.60	7.90	1520	1699	112
N C	115	120	120	100	7.95	8.10	914	972	106
OHIO	103	105	95	90	7.80	8.00	803	840	105
TOTAL									
10 STS..	2316	2265	2060	91	7.52	7.62	17420	17255	99

1/ NUMBER OF PIGS BORN SEPTEMBER THROUGH NOVEMBER, THAT WERE ON HAND DECEMBER 1, OR HAD BEEN SOLD. 2/ INTENTIONS.

FARROWINGS: NUMBER OF SOWS, PIGS PER LITTER AND PIG CROP,  
DECEMBER 1/-FEBRUARY 1985-87 , 10 STATES

STATE	SOWS FARROWING				PIGS		PIG CROP 2/		
	1987 3/				PER LITTER		1986		
	1985	1986	:AS % OF:				1985	:AS % OF	
			: NUMBER		1986	1985	1986	: NUMBER	
	1000 HEAD		PERCENT		NUMBER		1000 HEAD		PERCENT
GA	60	54	52	96	7.20	7.45	432	402	93
ILL	250	235	225	96	7.11	7.40	1778	1739	98
IND	205	210	210	100	7.40	7.70	1517	1617	107
IOWA	620	620	580	94	7.60	7.60	4712	4712	100
KANS	80	81	70	86	7.50	7.75	600	628	105
MINN	210	200	190	95	7.75	7.85	1628	1570	96
MO	160	150	115	77	7.30	7.50	1168	1125	96
NEBR	165	180	185	103	7.70	7.90	1271	1422	112
N C	115	115	115	100	7.75	7.95	891	914	103
OHIO	90	95	85	89	7.70	7.90	693	751	108
TOTAL									
10 STS..	1955	1940	1827	94	7.51	7.67	14690	14880	101

1/ DECEMBER PRECEDING YEAR.

2/ NUMBER OF PIGS BORN DECEMBER THROUGH FEBRUARY, THAT WERE ON HAND MARCH 1, OR HAD BEEN SOLD. 3/ INTENTIONS.

EXCHANGE Rec'd

OCT 22 1986